

# Comparisons of Job Characteristics

**Focus Occupation: Zoologists and Wildlife Biologists (19-1023)**

**Associated Occupation: Fish and Game Wardens (33-3031)**

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 56

**Focus Occupation: Zoologists and Wildlife Biologists (19-1023)**

**Associated Occupation: Fish and Game Wardens (33-3031)**

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Law and Government	5.9	18.4	8.1	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	17.3	6.2	<<	Extensive education and/or training may be required
Biology	3.7	13.5	21.8	>>	Current knowledge level is likely more than sufficient
Psychology	6.4	13.1	5.6	<<	Extensive education and/or training may be required
Geography	3.9	11.2	11.7	0	Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 78

**Focus Occupation: Zoologists and Wildlife Biologists (19-1023)**

**Associated Occupation: Fish and Game Wardens (33-3031)**

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Persuasion	7.4	11.5	8.1	<<	Extensive development of skills in this area may be required
Negotiation	6.8	9.7	8.3	<	A higher skill level may be required
Systems Analysis	6.5	9.3	10.2	0	Current skill level may be sufficient
Systems Evaluation	6.4	8.8	9.4	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Abilities

Similarity of Focus Occupation to Associated Occupation: 75

Focus Occupation: Zoologists and Wildlife Biologists (19-1023)

Associated Occupation: Fish and Game Wardens (33-3031)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Far Vision	7.8	11.1	8.1	<<	Extensive improvement in abilities may be required
Spatial Orientation	2.7	8.4	3.3	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	8.1	2.8	<<	Extensive improvement in abilities may be required
Stamina	4.0	8.0	4.1	<<	Extensive improvement in abilities may be required
Sound Localization	2.2	6.6	2.9	<<	Extensive improvement in abilities may be required
Peripheral Vision	2.2	6.4	3.3	<<	Extensive improvement in abilities may be required
Night Vision	2.1	6.0	3.6	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 75

Focus Occupation: Zoologists and Wildlife Biologists (19-1023)

Associated Occupation: Fish and Game Wardens (33-3031)

Work Activities	Exclusivity of Activity
Analyze ecosystem data	69
Capture animals for control, identification, relocation, sale or humane purposes	89
Estimate population or condition of plant life, fish, or wildlife	92
Make presentations	13
Prepare reports	8
Read maps	42
Use knowledge of investigation techniques	16

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 83

**Focus Occupation: Zoologists and Wildlife Biologists (19-1023)**  
**Associated Occupation: Fish and Game Wardens (33-3031)**

<b>Tools and Technologies</b>	<b>Exclusivity</b>
Audio and visual equipment	4
Cameras	2
Commercial fishing equipment	47
Computers	1
Content authoring and editing software	1
Data management and query software	1
Firearms	35
Hunting products	90
Information exchange software	1
Light and wave generating and measuring equipment	4
Network applications software	1
Personal communication devices	2
Recreational watercraft	40
Specialized and recreational vehicles	17
Viewing and observing instruments and accessories	4

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.